

Title (en)  
Pulsating boiler

Title (de)  
Pulsierender Verbrennungskessel

Title (fr)  
Chaudière pulsatoire

Publication  
**EP 2169305 B1 20160622 (FR)**

Application  
**EP 09305891 A 20090924**

Priority  
FR 0856440 A 20080925

Abstract (en)  
[origin: EP2169305A1] The boiler (1) has a flap gate (2) provided with an inlet conduit (21) in downstream of a pre-mixing chamber (3). A combustion chamber (7) contains a flash chamber (11) in an extension of an ignition chamber (10) in downstream of the inlet conduit. The combustion chamber is delimited by a metal wall (6), and the ignition chamber surrounds a flame positioner (17). The ignition chamber is delimited by another metal wall (12) that is coaxial to the former wall. The latter wall of the ignition chamber is perforated by notches (20).

IPC 8 full level  
**F23C 15/00** (2006.01)

CPC (source: EP)  
**F23C 15/00** (2013.01); **F23D 2214/00** (2013.01); **F23D 2900/00018** (2013.01)

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)  
**EP 2169305 A1 20100331**; **EP 2169305 B1 20160622**; ES 2592930 T3 20161202; FR 2936300 A1 20100326; FR 2936300 B1 20101022; PT 2169305 T 20160926; RU 2009135633 A 20110327; RU 2419027 C1 20110520; SI 2169305 T1 20170228

DOCDB simple family (application)  
**EP 09305891 A 20090924**; ES 09305891 T 20090924; FR 0856440 A 20080925; PT 09305891 T 20090924; RU 2009135633 A 20090924; SI 200931523 A 20090924